

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Luis D. Fuentes

GENERAL INFORMATION:

Name:	Weyerhaeuser Company
Address:	1500 Commonwealth Dr Henderson, KY 42420
Date application received:	1/31/2008
SIC Code/SIC description:	2631, Paperboard Mills
Source ID:	21-101-000117
Agency Interest:	5506
Activity:	APE20080001
Permit:	F-08-011

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM ₁₀	1.4	7.2
SO ₂	0.28	0.57
NO _x	25.5	94.6
CO	19.1	79.1
VOC	16.6	12.7
Single HAPs (Methanol)	No listed	3.5
Source wide HAPs	No listed	9.2

SOURCE DESCRIPTION:

The Henderson Mill produces recycled linerboard and corrugating medium from old corrugated container furnish via a twin-wire paper machine. The Mill consists of a stock preparation area, paper machine, roll winding, warehouse, effluent mixing/ surge pond, and miscellaneous storage tanks storing various process chemicals.

Emissions from Henderson Mill consist primarily of volatile organic compounds (VOC) and hazardous air pollutants (HAP) emissions from the stock preparation and paper machines areas. Emissions from these areas are essentially fugitive in nature. The steam boiler is also a source of combustion by-product emissions, including carbon monoxide (CO), nitrogen oxides (NO_x), particulate matter (PM), sulfur dioxide (SO₂), and VOC.

The Henderson Mill is located in an attainment area for all regulated pollutants, and its operations are not covered on the list of 28 defined in Prevention of Significant Deterioration of Air Quality (PSD) source categories. The potential emissions of all pollutants are well under 250 tons per year (tpy) (94.6 tpy of NO_x, 79.1 tpy of CO, and 50.4 tpy of VOC); as such, the Mill is an existing minor source under the PSD program.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The current permit contains emissions limitations and recordkeeping requirements that limit emissions of NO_x to 98 tpy, VOC to 90 tpy, individual HAPs to 9 tpy, and combined HAPs to 22.5 tpy. These limitations ensure that the Mill will remain a conditional major source for all pollutants.

OPERATIONAL FLEXIBILITY:

None